Claims:

1. A method for establishing a detachable mechanical link at a hearing aid apparatus, characterized by the step of establishing an exclusively mechanical link magnetically.

2. The method of claim 1, characterized by establishing said link between at least two modules concomitantly defining the hearing aid apparatus or to a hearing aid apparatus and an additional appliance.

3. The method of claim 1 or, further comprising the step of establishing an electrical connection separate from and by establishing said mechanical link.

4. The method of one of claims 1 to 3, further comprising the step of establishing a predetermined relative positioning of parts by establishing said mechanical link.

5. The method of one of claims 1 to 4, further comprising the step of enabling or disabling said establishing by selecting polarity direction of at least two magnets for said mechanical linking.

6. The method of one of claims 1 to 5, wherein parts whereat said link is established are, on the one hand, at least a signal processing module and, on the other hand, at least one of the following parts:

- a battery or accumulator module;
- an emitter and/or receiver module;
- a filter module;
- a microphone module;
- an optical or electrical cable.

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7. The method of claim 3, wherein by establishing said mechanical link a galvanic electrical connection is established.

8. The method of one of claims 1 to 4, wherein said link is established between at least one magnet and a casing of a battery or accumulator module comprised in said hearing aid apparatus whereas said casing is made of ferromagnetic material.

9. A method for establishing an electrical connection to a or in a hearing aid apparatus, characterized by establishing the electrical connection via a series capacitor, thereby exploiting a part of the hearing aid apparatus' casing as dielectricum of the capacitor.

10. The method of claim 9, characterized by establishing said electrical connection by establishing a mechanical link according to one of claims 1 to 6.

11. The method of one of claims 9 or 10, characterized by establishing said electrical connection between an electrical cable and an electric tab at said casing, thereby exploiting a part of the casing as said dielectricum.

12. The method of claim 11, characterized by establishing said connection to a one-lead electric cable and applying to an electronic circuit within said hearing aid casing, which is operationally connected to said tab, the electric potential of a body-contact electrode at said hearing aid apparatus as a reference potential.

13. The method of one of claims 1 to 12, characterized by said hearing aid apparatus being an in-the-ear hearing aid apparatus or an outside-the-ear hearing aid apparatus for impaired or unimpaired hearing individuals or an earphone apparatus.

14. The method of one of claims 11 or 12, wherein said cable is a cable to a transmitter module remote from said hearing aid apparatus.

15. The method of one of claims 11 or 12, wherein said cable is a linking cable to a programming unit for programming said hearing aid apparatus.

16. The method of one of claims 11 or 12, wherein said cable is at least a part of a link from one hearing aid apparatus to a second one.

17. The method of one of claims 9 to 16, characterized by establishing a digital signal connection.

18. A hearing aid apparatus comprising at least two releasable modules, as at least two linkable parts, with mechanical linking members or with an additional appliance - as one linking part - removably linkable to said hearing aid apparatus - as a second linking part - by mechanical linking members, characterized by the fact that said mechanical linking members comprise at least one magnet.

19. The hearing aid apparatus of claim 18, characterized by the fact that in the area of the mechanical link to be established there is provided at one of said linking parts a magnet arrangement, preferably a permanent magnet arrangement, and there is provided at the other of said

linking parts a magnet arrangement as well or a counterpart of ferromagnetic material.

20. The hearing aid apparatus of claim 18 or 19, characterized by the fact that said mechanical linking members are the mechanical linking members for an electrical connection.

21. The hearing aid apparatus of one of claims 18 to 20, characterized by the fact that said mechanical linking members comprise guiding members, said guiding member ensuring establishing of said mechanical link in a predetermined mutual position of said linkable parts.

22. The hearing aid apparatus of one of claims 18 to 21, wherein one of said linking parts comprises a signal processing module and the other of said linking parts is one of the followings:

- a battery or accumulator module;
- a transmitter and/or receiver module;
- a filter module;
- a microphone module;
- an optical or electrical cable.

23. The hearing aid apparatus of one of claims 17 to 21, wherein said mechanical linking members are the mechanical linking members of an electrical galvanic connection.

24. The hearing aid apparatus of claims 18, characterized in that a battery or accumulator module having a casing made of ferromagnetic material is provided whereas said casing is used as mechanical linking member.

25. A hearing aid apparatus with a detachable electric connection, characterized by the fact that said electrical connection comprises a series capacitance, a part of a casing of said hearing aid apparatus forming the dielectricum of said capacitance.

26. The hearing aid apparatus of claim 25, characterized by comprising a mechanical link for said electrical connection, said mechanical link being construed according to said mechanical link of one of claims 18 to 23.

27. The hearing aid apparatus of claim 25 or 26, wherein one part to be electrically connected is the hearing aid apparatus, another part is a preferably one-lead connecting cable.

28. The hearing aid apparatus of claim 27, characterized by said hearing aid apparatus comprising a contacting electrode exposed to ambient for contacting human body and wherein electrical potential of said electrode is exploited as reference potential for electronics of said hearing aid apparatus.

29. The hearing aid apparatus of claim 27, characterized by a further electrode incorporated into the casing of said hearing aid apparatus whereas said further electrode is exploited as reference potential for electronics of said hearing aid apparatus.

30. The hearing aid apparatus of one of claims 18 to 28 being a therapeutical outside-the-ear hearing aid apparatus or a therapeutical in-the-ear hearing aid apparatus or an in-the-ear and/or an outside-the-ear applicable headphone.

31. A hearing aid apparatus system comprising a hearing aid apparatus according to one of the claims 18 to 29, further comprising a transmitter module remote from said hearing aid apparatus and being connectable to said connection of said hearing aid apparatus.

32. A hearing aid system comprising a hearing aid apparatus according to one of the claims 18 to 30 and further comprising a remote programming unit for said hearing aid device being connectable to said connection of said hearing aid apparatus.

33. A hearing aid system comprising a pair of hearing aid apparatuses according to one of the claims 18 to 31 and a linking module being connectable to said connections of both of said hearing aid apparatuses.